

COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT

TECHNICAL COMMITTEE MEETING

December 6, 2006

**DECISION: REQUEST FOR ADDITIONAL PHASE II INCREMENT 1 FUNDING
FOR THE WEST LAKE BOUDREAUX PROJECT (TE-46)**

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TECHNICAL COMMITTEE MEETING

December 6, 2006

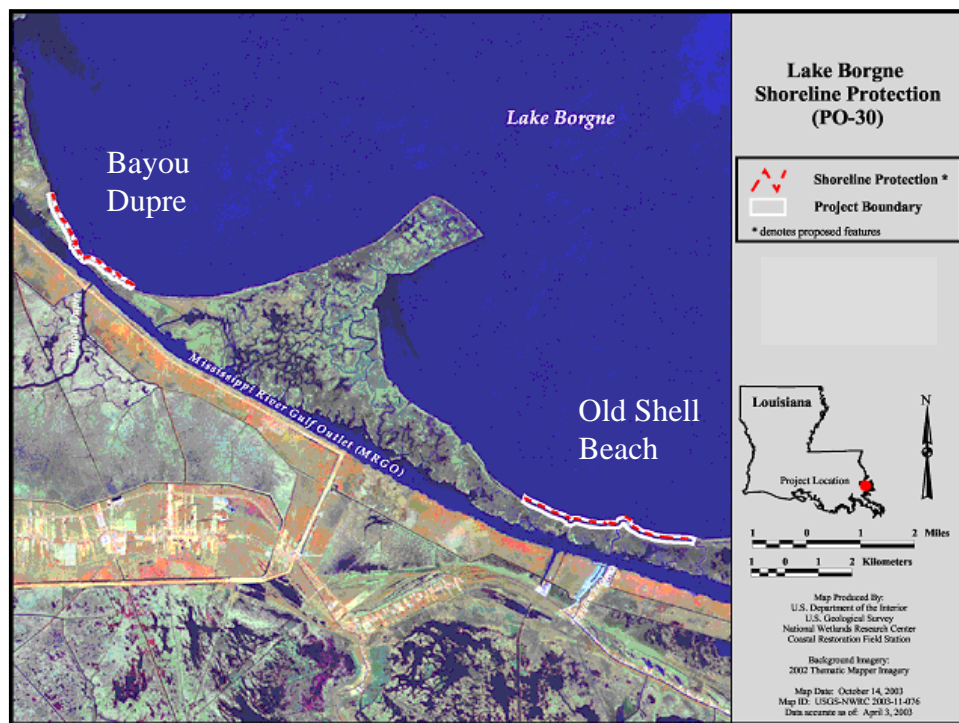
DECISION: REQUEST ADDITIONAL PHASE II INCREMENT 1 CONSTRUCTION FUNDS FOR THE LAKE BORGNE SHORELINE PROTECTION PROJECT (PO-30)

Lake Borgne Shoreline Protection

Bayou Dupre and Shell Beach, St. Bernard Parish

Project Goals:

- Prevent/reduce Lake Borgne shoreline retreat adjacent to Old Shell Beach/Bayou Dupre
- Mitigate further joining of the lake and MRGO
- Reestablishing a sustainable lake rim; and,
- Preventing or reducing conversion of emergent marsh to open water.



Lake Borgne Shoreline Protection Project (PO-30) - Status

- May to September dredging window
- Project not constructed in 2006 due to oyster issues
 - oyster policy has now been finalized by State
 - no longer presents an issue for construction
- LDNR ready to advertise early 2007
- Task Force approved \$16,622,590 Phase II funds February 8, 2006
 - based upon pre-hurricane material costs
- Material costs have nearly doubled in the past year
- Additional funds (\$6,925,825) requested to avoid overbid

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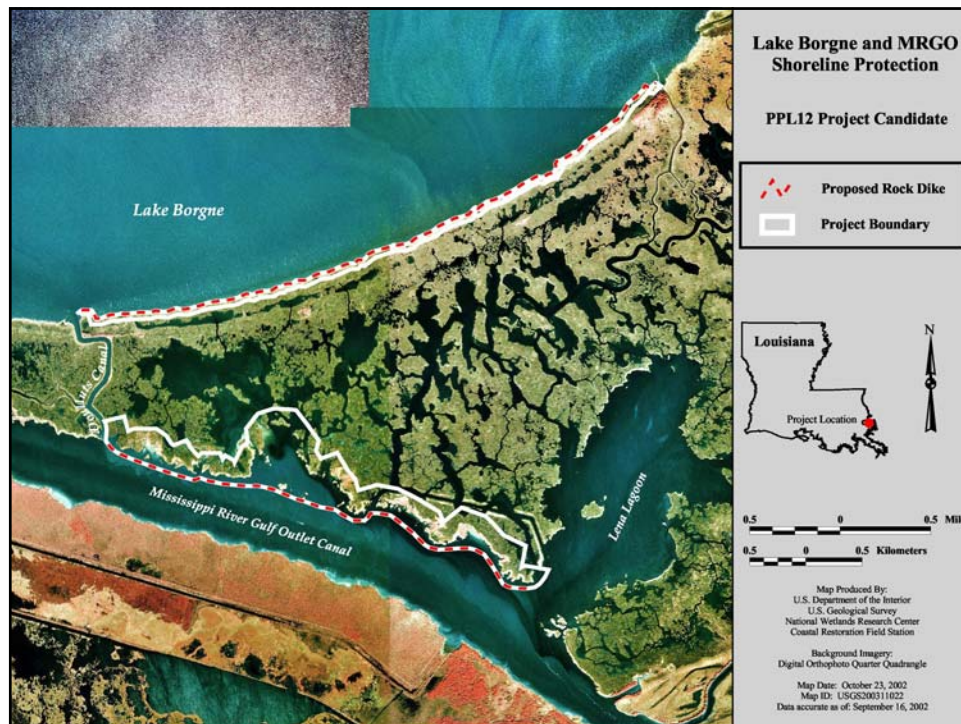
December 6, 2006

**DECISION: REQUEST FOR PHASE II AUTHORIZATION AND APPROVAL OF
PHASE II INCREMENT 1 FUNDING (O&M ONLY) FOR THE "LAKE BORGNE
SEGMENT" OF THE LAKE BORGNE/MRGO SHORELINE PROTECTION
PROJECT (PO-32)**



Project Background

- Authorized in January 2003 by Breau Act (CWPPRA) Task Force on PPL12
- Originally two segments totaling ~32,750 linear feet of rock dike to stop shoreline erosion along the southern shoreline of Lake Borgne and the north bank of the Mississippi River Gulf Outlet
- Task Force directed that the projects be designed as separable reaches in Phase I
- USACE building Lake Borgne segment with hurricane recovery funds Congress provided in the 3rd Supplemental



Wetlands Loss Problems

- The shoreline of Lake Borgne is eroding
- Annual rate of erosion is ~ -10ft/yr
- Mainly due to wind driven waves associated with winter frontal passage and tropical storms and hurricanes
- Project area fell directly in Hurricane Katrina's eye-path

Benefits and Costs

Lake Borgne segment

- 18,820 ft offshore breakwater at +5.0 ft high crown
- Protects 93 acres of lake shoreline brackish marsh
- Construction contract awarded by USACE in September 2006 to build the reach for \$12.6 million
- Bid package utilized CWPPRA-developed plans and specifications, NEPA compliance and real estate plan
- Construction completion scheduled for March 2007 (first project built in basin since hurricane)

Request for O&M

- Propose use of “CIAP-style” procedures
- Seeking increment 1 funding for first three years of O&M
- Estimated cost for 3yrs is \$9,159,788
- Allows CWPPRA to “purchase” or “preserve” project benefits for only the cost of O&M

Questions



Doullut's Canal
St. Bernard Parish, LA